BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64
No:EE/YNK-D/E-PMT/11/2012-13 Dated:25-01-2014

APPROVED TENDER SCHEDULE –'B'

Item No: 18

Name of Work:-Construction of Community Center at Allalasandra in ward No-04

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri N LOKANATHREDDY	
				Rate	Rate in Words
1	Dismantling mangalore types roof and slacking the material within a radious of 50 mtrs	Sqm	29.60	50.00	Rupees fifty only
2	Dismantling burnt brick masonry in clay mortor / line mortor / cement mortor and stacking the bricks with in a radious of 50 mtrs and removing the debris to a distance upto 200 mtr	Sqm	61.20	125.00	Rupees one hundred twenty five only
3	Dismantling size stone masonry in clay mortor / line mortor / cement mortor and stacking the bricks with in a radious of 50 mtrs and removing the debris to a distance upto 200 mtr	Cum	5.51	135.00	Rupees one hundred thirty five only
4	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1 PW, P & IWTD -SR 2013-14)	Cum	20.25	130.00	Rupees one hundred thirty only
5	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW, P & IWTD - SR 2013-14)	Cum	49.76	230.00	Rupees two hundred thirty only

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				Rate	Rate in Words
6	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PW, P & IWTD -SR 2013-14)	Cum	16.60	4220.00	Rupees four thousand two hundred twenty only
7	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.25/I.5.6 PW, P & IWTD-SR 2013-14)	Cum	14.99	3500.00	Rupees three thousand five hundred only
8	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.26/I.5.9 PW, P & IWTD -SR 2013-14))	Cum	10.07	4250.00	Rupeesfour thousand two hundered fifty only
9	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3 PW, P & IWTD -SR 2013-14)	Sqm	35.21	90.00	Rupees ninety only
10	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD -SR 2013-14)	Cum	49.76	110.00	Rupees one hundred ten only
11	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11 PW, P & IWTD -SR 2013-14)	Cum	20.06	5700.00	Rupees five thousand seven hundred only

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12	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6 PW, P & IWTD -SR 2013-14)	Cum	11.18	4800.00	Rupees four thousand eight hundred only
13	KSRB 4-4.3 : Extra for use of water proofing compound in Cement concrete of mix 1:2:4, at one kg of compound per bag of cement. Specification No. KBS (P.16/I.4.26 PW, P & IWTD -SR 2013-14)	Cum	2.35	170.00	Rupees one hundred seventy only
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.28 PW, P & IWTD -SR 2013-14)	Sqm	14.40	230.00	Rupees two hundred thirty only
15	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.32 PW, P & IWTD -SR 2013-14)	Sqm	49.92	350.00	Rupees three hundred fifty only
16	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.34 PW, P & IWTD -SR 2013-14)	Sqm	45.22	250.00	Rupees two hundred fifty only
17	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.29 PW, P & IWTD -SR 2013-14)	Sqm	36.42	300.00	Rupees three hundred only
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.19 PW, P & IWTD -SR 2013-14)	Sqm	2.30	420.00	Rupees four hundred twenty only
19	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.37 PW, P & IWTD -SR 2013-14)	Sqm	2.30	260.00	Rupees two hundred sixty only

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20	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46 PW, P & IWTD -SR 2013-14)	Quintal	16.97	7550.00	Rupees seven thousand five hundred fifty only
21	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P.27/I.5.27 PW, P & IWTD -SR 2013-14)	Sqm	151.90	940.00	Rupees nine hundred forty only
22	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.38/I.7.26)	Sqm	2.52	3800.00	Rupees three thousand eight hundred only
23	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated.	Sqm	1.08	4100.00	Rupees four thousand one hundred only

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24	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.123/I.15.21 PW, P & IWTD -SR 2013-14)	Sqm	29.70	170.00	Rupees one hundred seventy only
25	KSRB 15-3.7 : Providing 18mm thick cement plastering single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97-122/I.15.15 PW, P & IWTD -SR 2013-14)	Sqm	68.52	210.00	Rupees two hundred ten only
26	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.123/I.15.18 PW, P & IWTD -SR 2013-14)	Sqm	273.62	225.00	Rupees two hundred twenty five only
27	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.124/I.15.33 PW, P & IWTD -SR 2013-14)	Sqm	98.22	25.00	Rupees twenty five only
28	Providing and laying flooring using prepolished, water cut / gang saw 19mm thick using grey granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white / grey pigment etc., complete (P.117/I.14.47.1 PW, P & IWTD -SR 2013-14)	Sqm	36.15	2070.00	Rupees two thousand seventy only
29	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (P.126/I.15.51.2 PW, P & IWTD -SR 2013-14)	Sqm	98.22	70.00	Rupees seventy only
30	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer (P.127/I.15.53.2 PW, P & IWTD -SR 2013-14)	Sqm	273.62	80.00	Rupees eighty ony
31	KSRB 8.6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes, benus and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.52/I.8.16 PW, P & IWTD -SR 2013-14)	Mtr	6.00	425.00	Rupees four hundred twenty five only

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32	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kgs	100.80	110.00	Rupees one hundred ten only
33	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical SR b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	No.	1.00	200.00	Rupees two hundred only
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	No.	1.00	380.00	Rupees three hundred eighty only
34	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical SR - 2010-11	No	2.00	100.00	Rupees one hundred only
35	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical SR - 2013-14 a) 4"x4"x3"	Each	1.00	50.00	Rupees fifty only
	b) 12"x12"x3"	Each	1.00	105.00	Rupees one hundred five only
	c) 10"x7"x3"	Each	2.00	80.00	Rupees eighty only
36	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws.., (P.10/I.22) Electrical SR - 2013-14	Sq	3000.00	0.30	Paise thirty only
37	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical SR - 2013-14	Rmtr	20.00	16.00	Rupees sixteen only
38	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical SR - 2013-14.	Each	1.00	3100.00	Rupees three thousand one hundred only

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39	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical SR - 2013-14.	Each	4.00	60.00	Rupees sixty only
40	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical SR - 2013-14	Rmtr	20.00	35.00	Rupees thirty five only
41	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical SR - 2013-14.	No.	1.00	65.00	Rupees sixty five only
42	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/I.2a) Electrical SR - 2013-14	No	5.00	410.00	Rupees four hundred ten only
43	Wiring for lighting / power circule using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical SR - 2013-14	Rmtr	60.00	20.00	Rupees twenty only
44	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.6B/I.3Ic) Electrical SR - 2013-14 c) 40X6mm	Rmtr	6.00	230.00	Rupees two hundred thirty only
45	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical SR - 2013-14	No.	1.00	380.00	Rupees three hundred eighty only
46	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/I.23IIa) Electrical SR - 2013-14	Nos	2.00	1950.00	Rupees one thousand nine hundred fifty only
47	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical SR - 2013-14	Nos	4.00	120.00	Rupees one hundred twenty only

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48	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical SR-2013-14	Nos	2.00	690.00	Rupees six hundred ninety only
49	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical SR - 2013-14	Rmtr	20.00	60.00	Rupees sixty only

N. Lokanaththreddy

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.